



The Blurb



*Newsletter of The Phil-Mont Mobile Radio Club
66 Years of Public Service, 1949 to 2015*

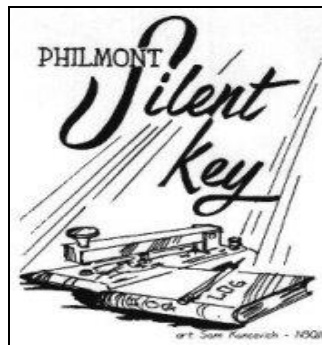
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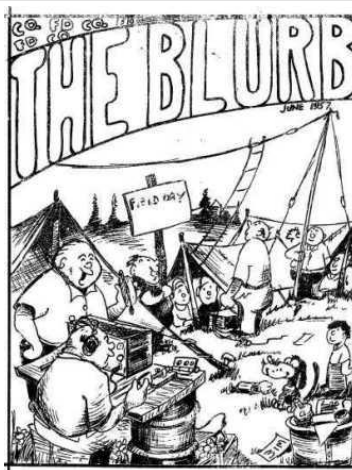
***The Board of Directors' Meeting is on the 3rd
The General Membership Meeting is on the 10th at the
Willow Grove Giant Supermarket 2nd Floor
Note new Time: Both begin at 7:00***

Field Day is right around the corner. Inside is Barry K3EUI article on capacitors preceding his presentation at the June meeting and Al W3STW explains the day



William J. Kane, N3OOL (January 30, 1921 - May 17, 2015)

On May 17, 2015, aged 94, of Paoli, PA, formerly of Garnet Street in South Philadelphia
Full obituary on page 5



1957 Blurb FD Cover

Bob W3NE Tells about it on page 7

<i>The Blurb</i> is published monthly by and for the members of The PHIL-MONT MOBILE RADIO CLUB, Inc., whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs. Requests should be sent to the Editor: Rick DeVigiliis ND3B@ARRL.net Subscriptions are available to non-members for \$12, addressed to the Treasurer. Labels and mailing: KB3IV Submissions deadline: All copy must be in the hands of the Editor by the 20th of the previous month.		Directors: N3QV(15) W3RM(15) K3HWG(15) WA3KIO(16) KB2ERL(16) ND3B(16) W3STW(A)	Contact Phil-Mont: P.O. Box 404 Warminster, PA 18974 http://www.phil-mont.org Website: Eric N3QV & Andrew KC2PMW For club information: Contact any club officer, or the repeaters listed below. Address or club directory changes and articles for the membership e-mail list should be sent to: KB3IV
		Sunday Morning Net Schedules • 2 Meter/ 70cm Net..... at 0930L on W3QV repeater • 10-on-10 Net at 1000L 28.393 MHz USB (±QRM) • 75 meter Net at 1020L 3.993 MHz LSB • ARES at 2100L on the W3QV repeater	
Committees Blurb folding: KB3IV & N3GLU Directory: KB3IV Field Day: KC2PMW Fusion Coord: NC3U	Internet: N3QV & KC2PMW Membership: K3HWG Net Control: KB3IV	Program: W3AOK Publicity: W3RM Refreshments: W3AOK Repeater: W3AOK	Scholarship: W3RM Sunshine: N3GLU VE Program: NS3K Welcome: N3UBY Youth: KC2PMW

All visitors are welcome!

The club meets at 7:00 PM on the *second* non-holiday Wednesday each month except July and August at Giant Supermarket, 315 York Rd, Willow Grove, PA
 Maps and directions are available at www.phil-mont.org.

License Examinations are held on the fourth **non-holiday Thursday** each month at **Community Ambulance Association, 1414 E. Butler Pike, Ambler PA 19002**
 Registration begins at 7:00 P.M. Applicants should contact Jim McCloskey NS3K at 215-275-2979 or jmccloskey@msn.com for the latest information.

Club Stations W3QV/R: The Jim Spencer Memorial Repeater System
 Ridge & Port Royal Avenues, Philadelphia, PA **Trustee: W3RM**
147.03 MHz + PL 91.5 Hz 444.80 MHz + PL 186.2 Hz
 Reach us on EchoLink through W3QV-R
W3AA Trustee: WU3I
W3EM: Field Day/special event station Trustee: N3QV

The Officers

President: WA3GM Greg Malone wa3gm@yahoo.com
Vice President: W3AOK Bill Popovic w3aok@verizon.net
Treas: KB3IV Ed Masarsky kb3iv@comcast.net
Secretary: WU3I Steve Hoch wu3i@arrl.net

The Prez Sez ...



Hello Phil-Mont

Well its been a busy month for me traveling around and I am now back from another Dayton at the Beautiful (yuck) Hara Arena. Did not come home with any junk so to say just some little odds and ends and a new two meter radio for my All Star node.

It was good to see some Phil-Mont members out at Dayton along with some other people I have not seen in a few years. You never know who you are going to run into out there.

I did have the opportunity to talk to and get a photo op with our League President Kaye Craige N3KN and her other half Carter N3AO. Kaye says to say hello to all the Phil-Mont members and wishes everyone well. I also had the pleasure of meeting Gordon West WB6NOA and other not so much notables as the attached pictures will attest.

Field Day is just around the corner. June 27 & 28 will be the dates this year. We will again be at Ft. Washington State Park 420 Militia Hill Rd, Fort Washington, PA 19034.

Our Field Day Coordinator for this year is Al W3STW. Band Captains please get in touch with Al W3STW ASAP so we can firm up plans. All members are encouraged to come out and visit and more importantly operate during field day. If you can provide any advance notice of the times you can operate that would be much appreciated. This is NOT a fast paced contest type environment.

The Blurb

June 2015

This is a fun family type environment as well as checking our readiness for emergency type operations so come out and join us. This would be a good opportunity to bring the kids and the grand kids so they can operate.

If you have not done so please contact Steve WU3I and let him know what days and more importantly what meals you will be partaking of so he can get the shopping done.

The Phil-Mont general meeting in May was most informative and again very well attended by members and visitors. I would like to thank Patrick, N3TSZ for his fine presentation on D Rats.

The following is a list of speakers for our meetings for the next few months:

June 10 2015: "Capacitors: What are they and how they work." Professor Barry Feirman K3EUI of our Digital Education Net will fill us in on capacitors along with some Demos for the audience to analyze, etc.

July/August Summer Break

September 9, 2015: Remote Operations. Greg WA3GM and Steve WU3I will present a short demo on working remote when it is not practical to bring Radios and antennas on vacation, etc.

If anyone has any suggestions for a speaker or would like to speak at one of our meetings please let any of the club officers or board members know. Your input is vital and we welcome all suggestions. Don't forget to sign up for the Phil-Mont Yahoo Group. We currently have 40+ members. This is a good way to share ideas amongst the membership. Sal NC3U is the moderator the group. For more info and to join the group contact Sal.

See you all at the next meeting.

73, Greg WA3GM

Phil-Mont Birthdays & Tidbytes



June Birthdays

03 Jennifer Caswell – KB3MIV
 04 Dick Moll - W3RM
 Sue Sadwin - N2CYA
 Delores Gift (XYL K3HWG)
 06 Andrew Neustadter - KC3CXT

10 Thomas Maresca (OM K3YPH)
 13 Ronald Rubin - K3RON

15 Caitlin Brady – W3CJB
 John Coupe - WA3BXH
 17 Kathleen Johns-(XYL K3JQH)
 18 Sal Marandola-NC3U

21 Sharon Roth (XYL K2RSJ)
 Brian Gradel - KC3EQF
 22 Richard Roth- K2RSJ
 24 Neil Griffith-W2GTV

30 Mike Lenczynski - KA3EIP
 Fred Rice - WA3KIO

MEMBERSHIP STATS

At press time P.M.R.C. has:

102 Full paid members
 11 Family members
 1 Youth members
 1 Honorary member
 4 Pending

*There's a Saturday VE session on the 13th
 at 0900 and the usual Thursday evening
 session on the 25th this month.*

As always, many thanks to our VE team!

From the Secretary

May Board Of Directors Meeting 5/6/15

W3AOK opened the meeting at 7:04 PM.
 Attending were WA3KIO, ND3B, KB2ERL,
 W3STW, KB3IV & WU3I. NC3U arrived at 7:07,
 N3QV at 7:10 and W3RM at 7:13.
 W3STW made a motion to waive the reading of the
 previous meeting's minutes. ND3B seconded.
 Motion Carried.

Treasury

Expenses were Post Office Box fee and
 Membership income from late dues. We Got
 money!

Blurb

All is well still no repairman for the elevator
 relocated to 30th floor to save on stairs.

Fusion

444.8 is back in service on mixed mode. Working
 well. Control is off/on. 147.165 running fine.

Yahoo group

Moving right along. There as a suggestion of
 placing archived blurbs on the groups.

Nets

Tuesday evening digital nets need to Voice ID
 Regularly.

NEW BUSINESS

Fusion net monthly 7PM net control NC3U.
 Instruction classes will be available In July and
 August.

Suggest W3HIA to SAREX.

OLD BUSINESSField Day

Band Captains are 160 WA3BXH and W3AOK, 75 KB2ERL, 40 WA3BXH, 20 KB3SJS, 10 K3EUI, VHF W3AOK and Gota KB3IV.

Membership

Returning members WB3BPI and WB3EQW. New Members K3JQH, KC3EQF and KC3EOD.

KB3IV made the motion to accept the applicants.

WU3I Seconded. Motion carried.

Clear Wire Internet

Sprint is taking over Clear and 11/6/2015 will shut down the network. KB3IV will investigate.

N3QV recommended website builder software to restructure the web page so each department can be covered by that individual. The programs are web.com, squarespace, webs.com even website builder. More to follow.

W3STW made the motion to close at 8:30 Kb2ERL Seconded the rest ran for the door.

May General Meeting 5/13/2015

KB3IV opened the meeting at 7:34PM

Field Day From W3STW

Band Captains: 160 W3AOK and WA3BXH

75 KB2ERL

40 WA3BXH

20 KB3SJS

15 Open

10 K3EUI Saturday K3HWG

Sunday

6 W3AOK

VHF W3AOK

GOTA KB3IV

Food DE WU3I

AllStar DE WA3DSP Nodes are popping up all over Our president has two himself on 2M and 220.

Blurb DE ND3B keep them cards and articles coming.

Program

DRATS given by K3TSZ Partick.

de Steve WU3I, Secretary

PMRC is pleased to welcome These New Members

Harvey Kolodner WA3GTL

Philadelphia, Pa 19128

General Class

Retired

Arie Dash KC3EXV

Glenside, Pa 19038

Technician Class

Student

Paul LaFollette, Jr AB3SV

Philadelphia, Pa 19119

Extra Class

Professor Computer & Information Sciences, Temple Univ

Mark Thomas KC3DRE

Blue Bell, Pa 19422

General Class

IT Professional Services

N3OOL OBITUARY

Beloved husband of Mary

T. (nee Murta) who preceded him in

death in 1998. Survived by sister, Agnes

Durkin, son William J. Kane (Meg) of Alexandria, VA, Mary De

Nicola (Nicola) of Francavilla al Mare, Italy,

Veronica Pratt

(Thomas) of Malvern, PA and Regina Honore (Jack) of West

Windsor, NJ, eight grandchildren, Lisa, Francesco, Thomas,

Elizabeth, Anne, Brian, Julianne and Michael and one great

grandchild, Abigail. Born in St. Monica's parish,

Philadelphia, PA on

January 30, 1921, William was the son of William J Kane and Anna

M J Mohan. Bill earned his nickname Dutch (the flying Dutchman)

for his adventurous and daredevil spirit. He graduated from Southeast Catholic and married his high school sweetheart before he was shipped out overseas during World War II. In the war he was part of the US Corps of Engineers (817 Engineer Aviation Battalion) which was stationed in Italy and France in 1944 and 1945. He returned to the States and raised his family in the Transfiguration parish where he was a member of the choir and active in the Holy Name Society. From 1946 until his retirement in 1976 he was an employee of the Atlantic Refining Company on Passyunk Avenue in Philadelphia. In 1968 he relocated to St. Alice's in Upper Darby, PA. Later he and his wife retired to Paoli Pa and were part of St. Norbert's parish. He was an avid recycler of used items and enjoyed giving them new life or sharing them with a family member. His primary interest though was Ham radio and he was a member of the Phil-Mont mobile radio club, call numbers N300L. Bill loved animals and had a succession of cats, dogs and birds as pets throughout his life. Services will be held on Friday, May 22, 2015 at St Norbert's Church 50 Leopard Road (Route 252) Paoli, PA 19301. Viewing from 9:30 am to 10:30 am; Requiem Mass at 10:30 am followed by interment at Saints Peter and Paul Cemetery in Broomall, PA. In lieu of flowers, memorial donations can be sent to: Phil-Mont Mobile Radio Club Scholarship Fund P.O. Box 404 Warminster, PA 18974. www.maugergivnish.com

Capacitors - PMRC talk - June 2015 K3EUI (Barry)

Please identify each statement as TRUE or FALSE

A capacitor is any electrical device which stores energy in an electric field.

A capacitor can be modeled by two parallel conducting plates separated by a dielectric (insulator).

A capacitor stores energy by storing electric charges on its plates.

An uncharged capacitor has no net charge on its plates.

A charged capacitor has no net charge on its plates.

The capacitance of a capacitor depends on the area of its plates, the separation between its plates, and on the kind of insulation between its plates.

The capacitance of a capacitor increases as the separation between the plates decreases.

The capacitance of a capacitor is directly proportional to the area of its plates.

The capacitance of a capacitor is independent of the voltage used to charge it.

The excess charge on either plate of a capacitor during charging is directly proportional to the voltage across its plates.

The amount of charge on one plate, divided by the voltage across the plates, gives the value of the capacitance of a capacitor, in farads.

Capacitors can be used as either hi-pass or as low-pass filters, depending on how they are hooked up to a circuit.

Capacitors will block DC (direct current) yet allow AC (alternating current) to pass.

Capacitors used to be called "condensers" because they were believed to concentrate the electric energy.

A 1 uf capacitor charged to 2 volts has twice as much potential energy as a 2 uf capacitor charged to 1 volt.

The electric field between the two plates of a capacitor is uniform (constant).

The voltage across the plates of a capacitor is directly proportional to the product of the electric field strength between its plates and the distance between the plates.

Capacitors connected in series share identical amounts of charge on each plate.

Capacitors connected in parallel share a common voltage across their plates.

Requiring more thought: Identify each statement as TRUE or FALSE

Connect an uncharged capacitor to a battery. Allow sufficient time for the capacitor to fully charge. Now disconnect the battery from the charged capacitor.

T/F The energy stored in the capacitor is proportional to the voltage across the capacitor.

T/F The energy stored in the capacitor is proportional to the charge on the capacitor.

T/F The energy stored in the capacitor is proportional to the electric field between its plates.

Connect an uncharged capacitor to a battery. Allow sufficient time for the capacitor to fully charge.

Now disconnect the battery from the capacitor.

Next, connect an identical uncharged capacitor to the charged capacitor and wait for a moment.

T/F The energy stored in the two-capacitor system is EQUAL TO the energy stored in the first capacitor.

T/F The voltage across each capacitor is the same as the voltage across the first capacitor.

Connect an uncharged capacitor to a battery. Allow sufficient time for the capacitor to charge.

Disconnect the battery.

Now remove the dielectric (insulator between plates).

T/F The electric field between the plates will decrease after removing the dielectric, and the voltage will decrease.

T/F When a capacitor (C) and an inductor (L) are connected in SERIES, a resonant frequency occurs when the capacitive reactance and the inductive reactance are equal, and the impedance is maximum.

T/F A capacitor (C) and an inductor (L) are connected in PARALLEL to an AC source. At the resonant frequency of the LC circuit, the voltage across the capacitor and the inductor are

equal, the impedance of the circuit will be minimum, and the current through the circuit will be maximum.

T/F A capacitor (C) and an inductor (L) are connected in SERIES to an AC source. At the resonant frequency of the LC circuit, the current through each is the same, and the current will be minimum.

Blast from the Past

This was the *Blurb* cover for June 1957 leading up to Field Day. It was retrieved from archives meticulously scanned and saved to DVD by Doug, WA3DSP to create a rare window to our club's history.

The cover was one of many drawn by Jay Gaul, W3IM, a department store window dresser and crack CW operator. While Jay travelled from client-to-client through his Lehigh Valley territory he often operated 40 CW/*mobile* using a homemade sideswiper key. The key was mounted on a clip board strapped to his right leg. For those unfamiliar with a "sideswiper," it is a telegraph key oriented for sideways actuation rather than vertically as with a standard key. Fixed contacts on each side of the center lever are connected together to become one terminal of the key, and the lever is the other terminal. Operators who know how to use one can send Morse at a terrific rate. Innovative W3IM made the center lever of his key from an ordinary flexible kitchen knife

Jay's jolly disposition and his philosophy of life enabled him to depict Phil-Mont activities with a rare sense of humor.

de W3NE

Field Day info from Al, W3STW

Here are a few tips taken from old Blurbs about Field Day that I think are still useful today.

How to participate: There are six operating categories for Field Day A is made up of any group (or club) with at least three persons that participates "in the field" away from a normal station location. Class B is for one or two person operations also operating away from a traditional station location. Class C is for mobile stations. Class D is for home stations operating on commercial power. Class E is for home stations operating on emergency power. Class F is for stations operating from an established Emergency Operations Center.

What to say: All stations will exchange the number of transmitters they have in simultaneous operation, their entry category and their ARRL/RAC section. For example, a station in Philadelphia, Pa., (Philadelphia is located in the eastern part of Pa.) operating as Class A with three transmitters would send the exchange 3A Eastern, Pa.

When: 1800 UTC Saturday, June 27 through 1759 UTC Sunday.

Where to operate: you may make Field Day HF contacts on 160, 80, (note there is no mention of 75 here) 40, 20, 15 and 10 meters as well as all VHF/UHF bands. There is no Field Day operation permitted on the 60, 30, 17 or 12 meter bands

Quirks: Stations that begin setting up their Field Day operation before 1800 UTC Saturday may operate only 24 consecutive hours Stations that do

not begin setting up until 1800 UTC Saturday may operate the full Field Day period.

At this time I report for Band Captains; WA3BXH, Jack, 160 meters, Kb2ERL, Bob, 75 meters; a 40 meter station will be set up I am most certain that this will happen but I am not sure that operators choosing to work this band will have computer support, K3FXR, Ralfy, 20 meters; KB3IV, Ed, 10 meters and GOTA. Note ten meters may be like 40 meters a setup is in place be we have no one to see that all is in place. W3AOK, Bill has UHF/VHF. We have W3YLT, Bob for PIO.

Stay tuned to the club repeater and read the Blurb,

73 W3STW, Al



Greg at Dayton rubbing elbows with the likes of Kay Craigie and Gordo on behalf of PMRC
Well done Mr. President!

PRAYER REQUEST de WU3I

Fellow Club Members;

As I have had conversations with some of you I now know the extent of My Son's Brain Cancer. My Son Bryan Hoch N3VJE was diagnosed last April with Anaplastic Astrocytoma Grade 3 of 4. After a month of Radiation and almost a year of Chemo the Cancer has returned. It is now a grade 4 Glioblastoma a more aggressive form of Cancer.

Both last year and this year he had Brain surgery to remove the tumors. He is resting at home recovering from April 27 surgery. His spirits are good and he wants to fight, fight, FIGHT! Bryan is 32 years old and his birthday is July 8. He resides in West Philadelphia with his wife Kate and their two dogs Rudy and Gordon.

First step is clinical trials. Bryan and the doctors believe that Immunotherapy is the direction we should be exploring. These trials use either vaccines or your own T-cells to send your immune system into overdrive, which will in turn fight the cancer cells. Sometimes it's a monthly vaccine, sometimes it's an injection directly into the brain.

There are so many options and phases of trials I think researching the options will be a full time job. We are delegating to Bryan, Kate, and Jennifer to sort through it all. Joanie will help us research pros and cons of each trial but we will be applying for all of them.

Bryan automatically applied for the two Penn trials (one vaccine, one T-cell). The oncologist suggested Duke University and Dana Farber at Harvard for trials and Dr. Desai is emailing Harvard on our behalf. The surgeon suggested NYU and Columbia and he is reaching out to hospitals all over the NE and will be sending us a list with contacts and trial names. We will also contact the National institute of health to see if there are any we missed. Bryan is looking into other forms of treatments that we can talk about in person.

What we are asking for is PRAYERS. So many PRAYERS that he cannot be forgotten.

Please feel free to send copies of this notice anywhere you think will generate PRAYERS. Take a copy to your house of worship and have Bryan put on the prayer list. Thank You all for you help.

Stephen Hoch WU3I**For Sale**

1/8" (290#) & 3/16" (380#) Dark Olive Drab Braided Cord · 100% Polyester/Dacron Knit Braided. Nice stuff! Tough and long lasting · UV Resistant and Low Stretch Proudly Made in the U.S.A.! Contact Steve WU3I at wu3i@arrl.net or 215-605-6074

**Kenwood TS-480X 200 watt- \$800
UNIDEN BCD-536HP Scanner - 2 of these - \$350 each
GRE PSR 800 Scanner- \$200
Yaesu VR -5000 Receiver- \$250
Also computers, accessories and tablets. Will supply list to interested parties.**

**Contact Ed KB3IV to put you in touch with the owner of this equipment.
kb3iv@comcast.net**

June at Phil-Mont

3 Board Meeting

6 D-Day 1944

7 Sun KC2PMW

10 General Meeting

13 Saturday VE Session

14 Sun W3STW

21 Sun KB3IV

Father's Day

Summer Begins

25 Thursday VE Session

28 Sun NC3U

***Note the New net - 9:00PM Tuesday night on
29.493MHz AM mode***

***Don't forget the ARES net on Sunday nights and
the Digital net on Tuesday nights.***

First Class Mail

The Phil-Mont Mobile Radio Club, Inc
1700 Street Rd. Apt. H3, Warrington PA, 18976

The Blurb